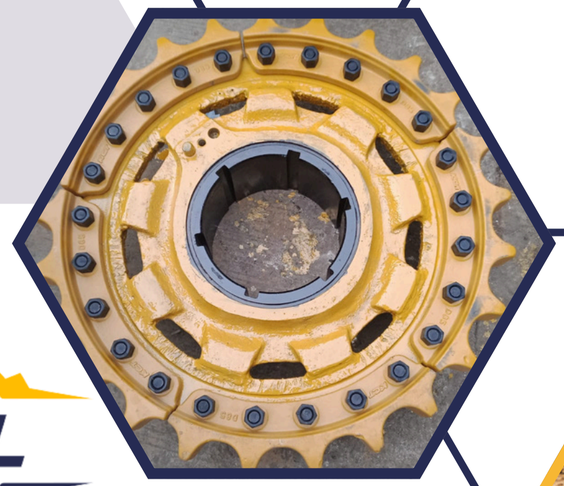


BULLDOZER UNDERCARRIAGE PARTS

COMPONENTS, FUNCTIONS & APPLICATIONS

PRESENTED BY:
DAYA CHARAN & SONS PVT. LTD.

Supplier of New & Used dozer spare or bulldozer Spare Parts

WHAT IS AN UNDERCARRIAGE?

THE FOUNDATION OF EVERY DOZER.
UNDERCARRIAGE PARTS
Track Chains • Rollers • Idlers
Sprockets • Shoes • Segment Groups
Up to 50% of machine maintenance costs come from undercarriage wear.
Choose quality parts that keep your equipment moving.
BUILT TO LAST. BUILT TO PERFORM.
TRACK CHAINS
ROLLERS
IDLERS
SPROCKETS
TRACK SHOES
SEGMENT GROUPS

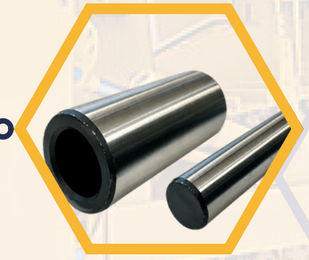
The undercarriage is the foundation of a bulldozer. It supports the machine's weight, provides traction, and enables movement across rough terrain.

Importance

- Supports the entire machine
- Provides stability
- Ensures smooth movement
- Transfers engine power to the tracks
- Improves productivity in harsh working conditions

MAIN UNDERCARRIAGE BULLDOZER PARTS

- TRACK CHAIN
- TRACK SHOE
- TRACK ROLLER
- FRONT IDLER
- SPROCKET SEGMENT
- TRACK PIN & BUSH
- RECOIL SPRING
- TRACK ADJUSTER



TRACK LINKS

Function

- Connects all track links into a continuous chain.
- Transfers engine power from the sprocket.
- Enables smooth movement over rough terrain.

Key Benefits

- High tensile strength
- Long service life
- Excellent wear resistance
- Reliable performance in mining & construction

DPL
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www.dozerspares.in
Part No:- 1S8840
Description:- LINK TRACK LH
Original Part No. and Images Are Just for Reference Purpose Only

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TRACK SHOE

Purpose

Track shoes provide grip between the bulldozer and the ground.

Applications

- *Soft Soil*
- *Rocky Terrain*
- *Mining*
- *Construction Sites*

Advantages

- *Better traction*
- *Improved stability*
- *Reduced ground pressure*
- *Longer undercarriage life*

www.dozerspares.in
Part No:- 8E9812
Description:-Track Shoe
Application
Caterpillar Bulldozer:-D4H XL, D5C, D5C III, D5G, D5K LGP, D5K2 XL, D5M, D5N
Original Part Numbers Are Just for Reference Purpose Only

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TRACK ROLLER

Function

Supports the bulldozer's weight while guiding the track chain.

Benefits

- *Smooth machine movement*
- *Reduces track wear*
- *Distributes machine load evenly*
- *Increases operational efficiency*

Types of Track Roller

- *Track Roller Single Flange*
- *Track Roller Double Flange*
- Carrier Roller

CLICK TO VIEW

SPROCKET SEGMENT

Function

Converts engine power into track movement.

Advantages

- *Maximum power transmission*
- *Easy segment replacement*
- *Heavy-duty construction*
- *Excellent durability*

DAYA CHARAN AND SONS PVT LTD
www.dozerspares.in
Part No:- 1080946
Description:- Sprocket Segment
Original Part No. and Images Are Just for Reference Purpose Only

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IDLER

Function

- *Guides the track chain.*
- *Maintains correct track alignment.*
- *Works with the recoil spring and adjuster.*

Why It Matters

- *Prevents derailment*
- *Improves machine stability*
- *Reduces maintenance costs*

DPL
www.dozerspares.in
DAYA CHARAN AND SONS PVT LTD
Part No:- 5M5009
Description:- IDLER ASSEM
Application
Bulldozer: D6C, D6D, D6E, D6G
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WHY CHOOSE
DAYA CHARAN & SONS PVT. LTD.?

Daya Charan & Sons Pvt. Ltd. (DCPL) is one of India's leading suppliers of heavy equipment spare parts, bulldozer spare parts, excavator spare parts , and construction machinery parts since 1966. We specialize in supplying premium-quality BEML spare parts, Caterpillar (CAT) spare parts, Komatsu spare parts, JCB parts, Tata Hitachi spare parts, Volvo, Hyundai, Kobelco, and Cummins engine parts for the construction, mining, and earthmoving industries. Our extensive inventory includes undercarriage parts, hydraulic parts, engine components, filters, oil seals, couplings, bearings, gasket kits, track rollers, front idlers, sprocket segments, cutting edges, and other OEM and aftermarket spare parts designed for maximum durability and performance. Whether you need BEML BD155 spare parts, CAT bulldozer parts, Komatsu dozer parts, or excavator replacement parts, DCPL delivers reliable solutions that help reduce machine downtime and increase operational efficiency.

We Offer

- Genuine & OEM Quality Parts
- New & Used Spare Parts
- Competitive Prices
- Fast Delivery
- Technical Support
- Large Ready Stock

Brands Supported

- BEML
- Komatsu
- Caterpillar (CAT)
- Shantui
- Hitachi
- Hyundai
- Volvo

THANK YOU

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